

Title (en)  
ACTIVE ELECTRICAL COMMUNICATION CABLE ASSEMBLY

Title (de)  
AKTIVE ELEKTRISCHE KOMMUNIKATIONSKABELANORDNUNG

Title (fr)  
ENSEMBLE CÂBLE DE COMMUNICATION ÉLECTRIQUE ACTIF

Publication  
**EP 2926348 A4 20160727 (EN)**

Application  
**EP 13859118 A 20130610**

Priority  
• US 201213691479 A 20121130  
• US 2013045021 W 20130610

Abstract (en)  
[origin: US2014154921A1] An active electric cable assembly suitable for high speed communication (e.g., 10 Gbit/sec) between electronic devices, such as but not limited to a peripheral device (e.g., storage device, docking station, etc.) and a computing platform expansion bus. (e.g., supporting the standards and specifications associated with the trade name Thunderbolt®). In embodiments, through holes, embossments, mechanical stops, micro-coaxial single wires, thermal pads, and dielectric film sheets are utilized in a robust cable assembly.

IPC 8 full level  
**H01B 11/06** (2006.01); **H01R 13/6581** (2011.01); **H01R 13/6594** (2011.01); **H01R 13/66** (2006.01); **H01R 24/62** (2011.01); **H01R 13/58** (2006.01)

CPC (source: EP US)  
**H01R 13/6581** (2013.01 - EP US); **H01R 13/6594** (2013.01 - EP US); **H01R 13/6658** (2013.01 - EP US); **H01R 24/50** (2013.01 - US); **H01R 24/62** (2013.01 - EP US); **H01R 13/5816** (2013.01 - EP US)

Citation (search report)  
• [Y] EP 2109352 A2 20091014 - HOSIDEN CORP [JP]  
• [Y] US 2002028604 A1 20020307 - LO DENNY [US], et al  
• [YA] US 2012000703 A1 20120105 - KIM MIN CHUL [US], et al  
• [A] CN 201365028 Y 20091216 - SHANGHAI MOLEX CONNECTOR CO LT [CN]  
• See references of WO 2014084904A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
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DOCDB simple family (application)  
**US 201213691479 A 20121130**; CN 201380056675 A 20130610; EP 13859118 A 20130610; KR 20157011252 A 20130610; TW 102139528 A 20131031; US 2013045021 W 20130610